

Weekly Weather Briefing

“Back-to-Back Storm Systems”

NWS Albuquerque
February 19, 2013

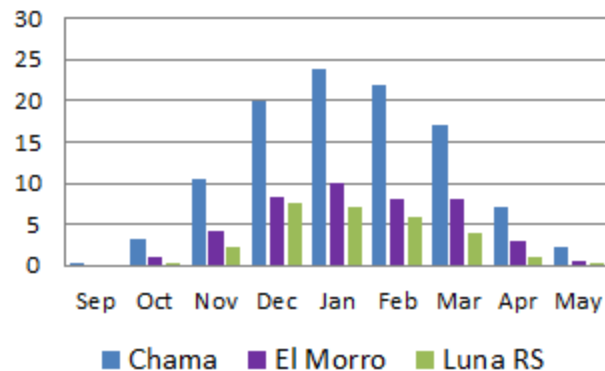




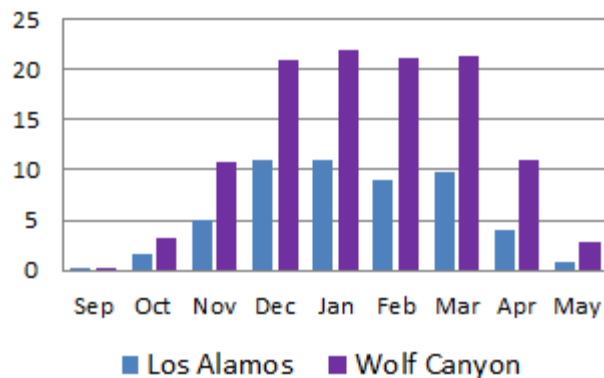
Snow – Monthly Climatologies

WEST

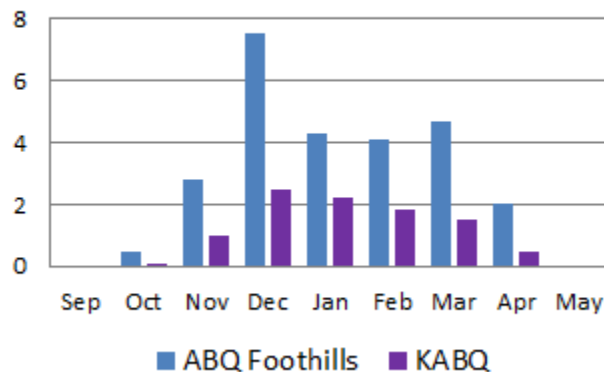
Average Monthly Snowfall



Average Monthly Snowfall

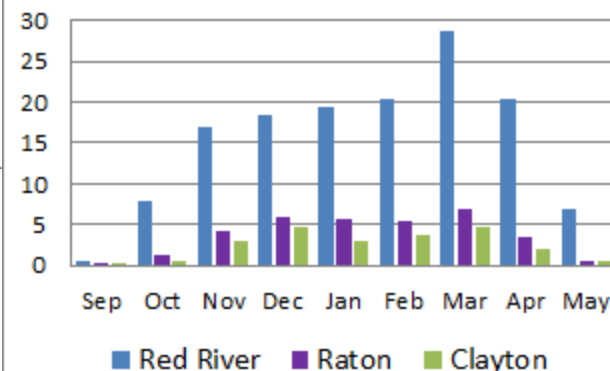


Average Monthly Snowfall



EAST

Average Monthly Snowfall





The Week Ahead

Tonight - Wednesday

- Winter storm system to bring snow, strong wind for Wed-Wed Night. Heaviest snowfall over the northern and western high terrain. Strongest winds central highlands south into the SC Mtn region. Considerable blowing dust even with moderate wind late morning into the afternoon/early evening.

Thursday-Friday

- Weak, fast-moving system to quickly follow on the heels of mid-week storm. Snow favoring the highest elevations of NW/NC New Mexico.

Weekend

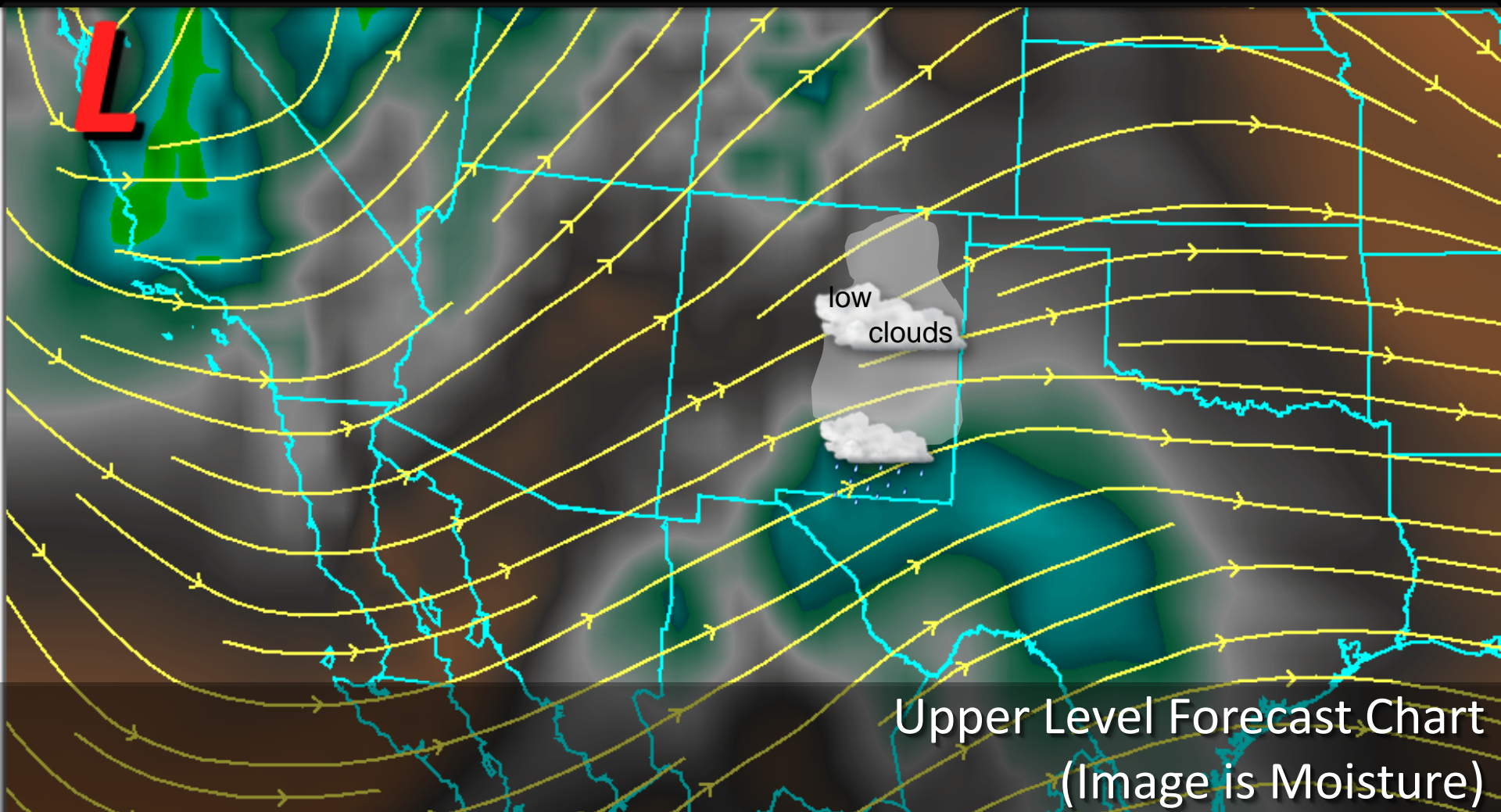
- Breezy to windy conditions; cooler NE Sunday. Continued chance of snow showers NC/NE areas.



Weekly Weather Briefing

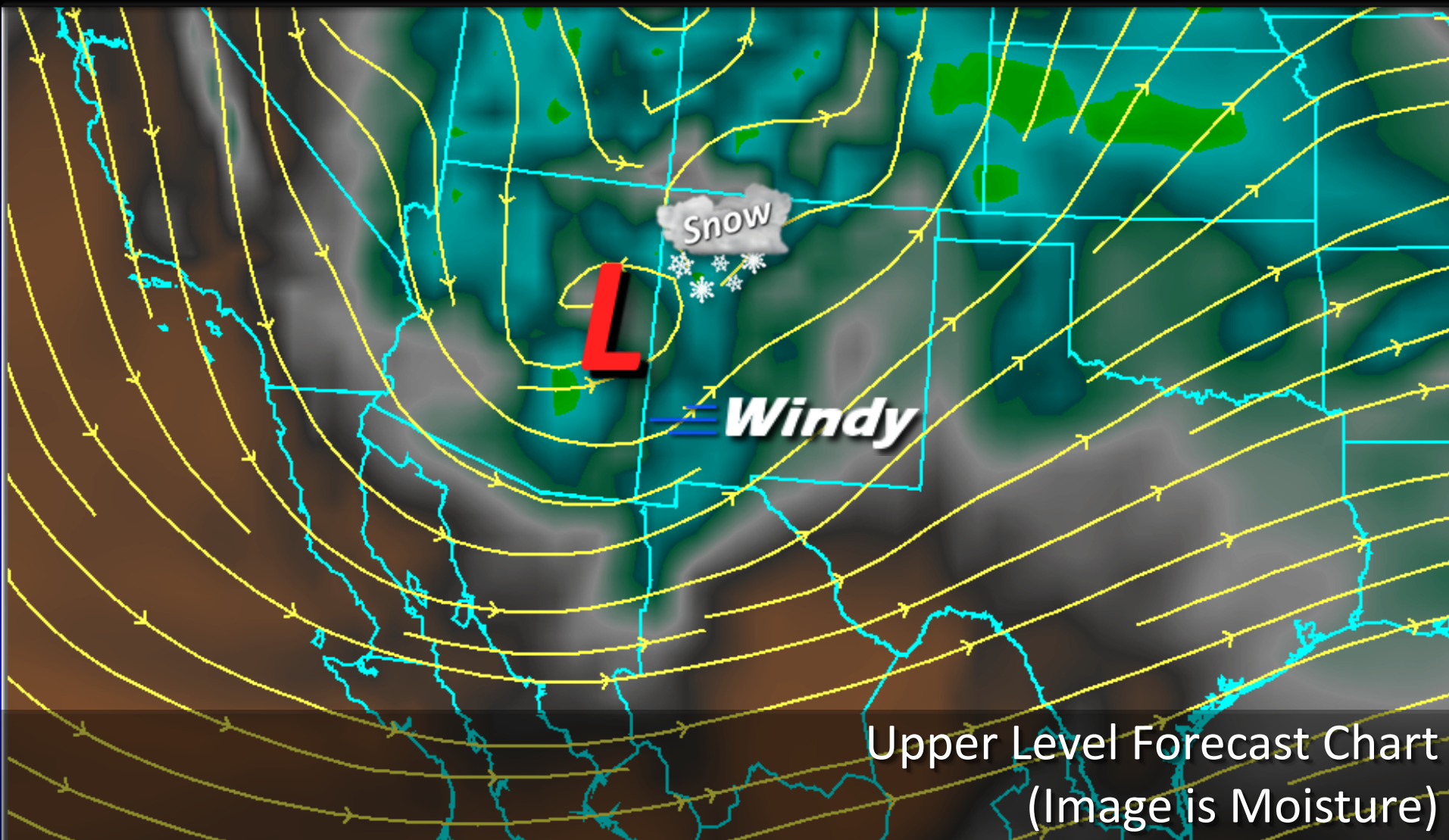
Forecast Details

TONIGHT



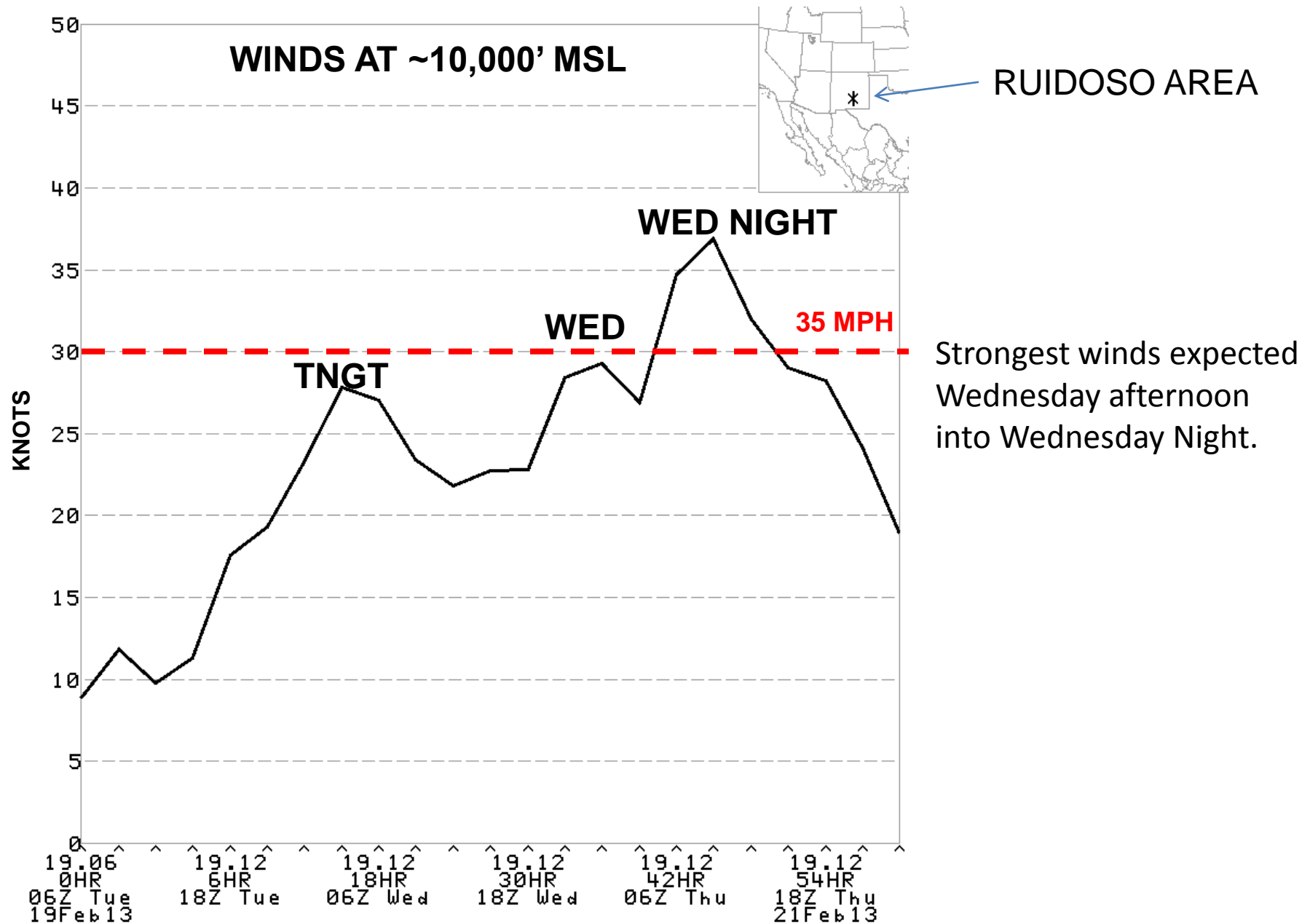
TONIGHT: Strengthening upper-level trough crosses the Sierra Nevada. Low level moisture makes quick return to areas along/east of the central mountain chain, and especially the eastern plains. Low clouds and fog likely for much of the east during the overnight with light showers portions of SC, EC and SE New Mexico. . Breezy to windy conditions remainder of the afternoon into evening

WEDNESDAY



WEDNESDAY: Center of the upper level storm system approaches the WC NM border late in the day. Rain and snow showers expand in coverage across the west and north. A few thunderstorms possible NE and near the NM/TX line. Strong winds will have greatest impact across the southern one-third and southeast quarter.

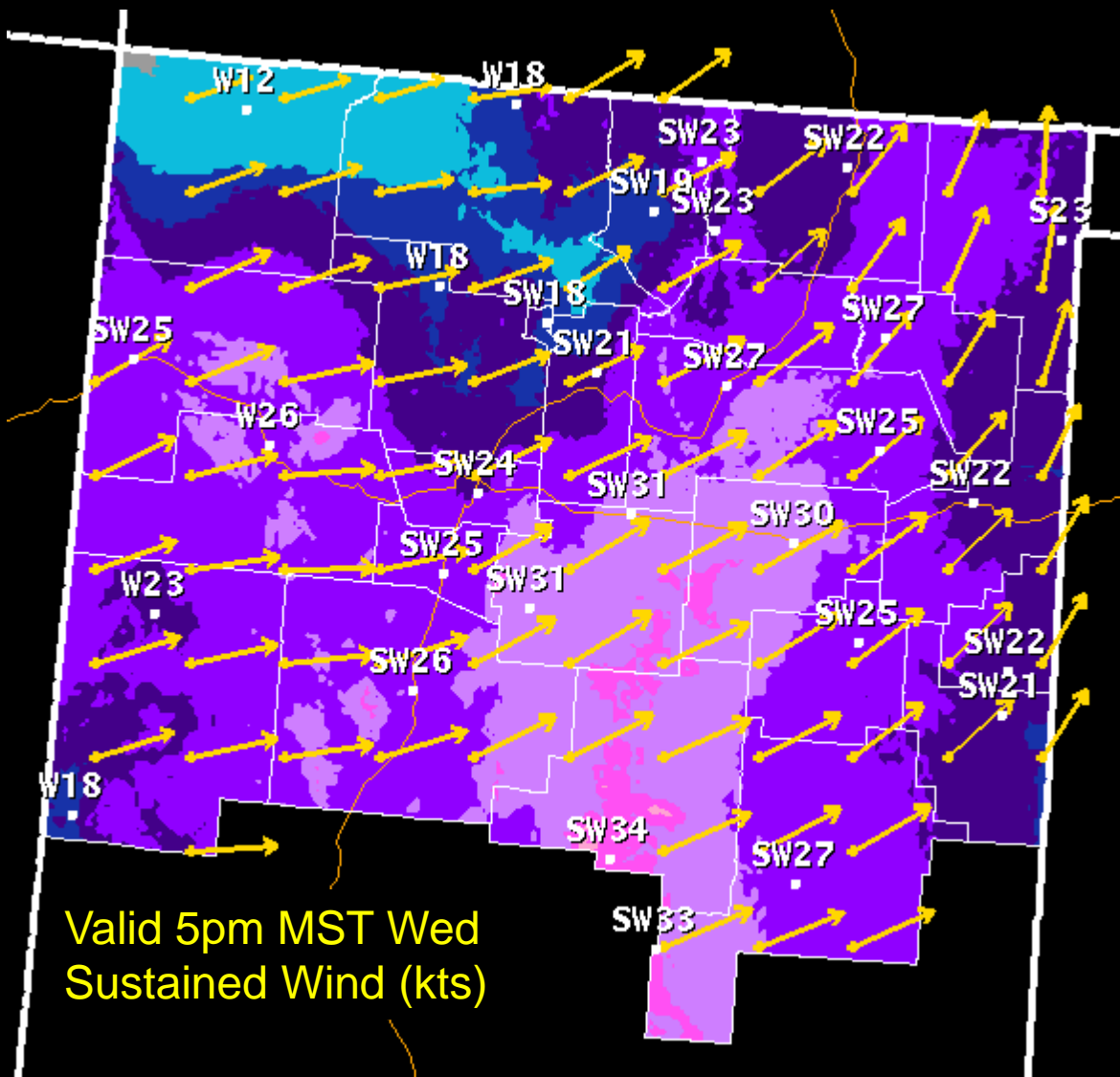
HIGH WIND POTENTIAL



HIGH WIND POTENTIAL

LOWEST

HIGHEST



Strongest winds expected along
And east of the central
Mountain chain and generally
south of I-40.

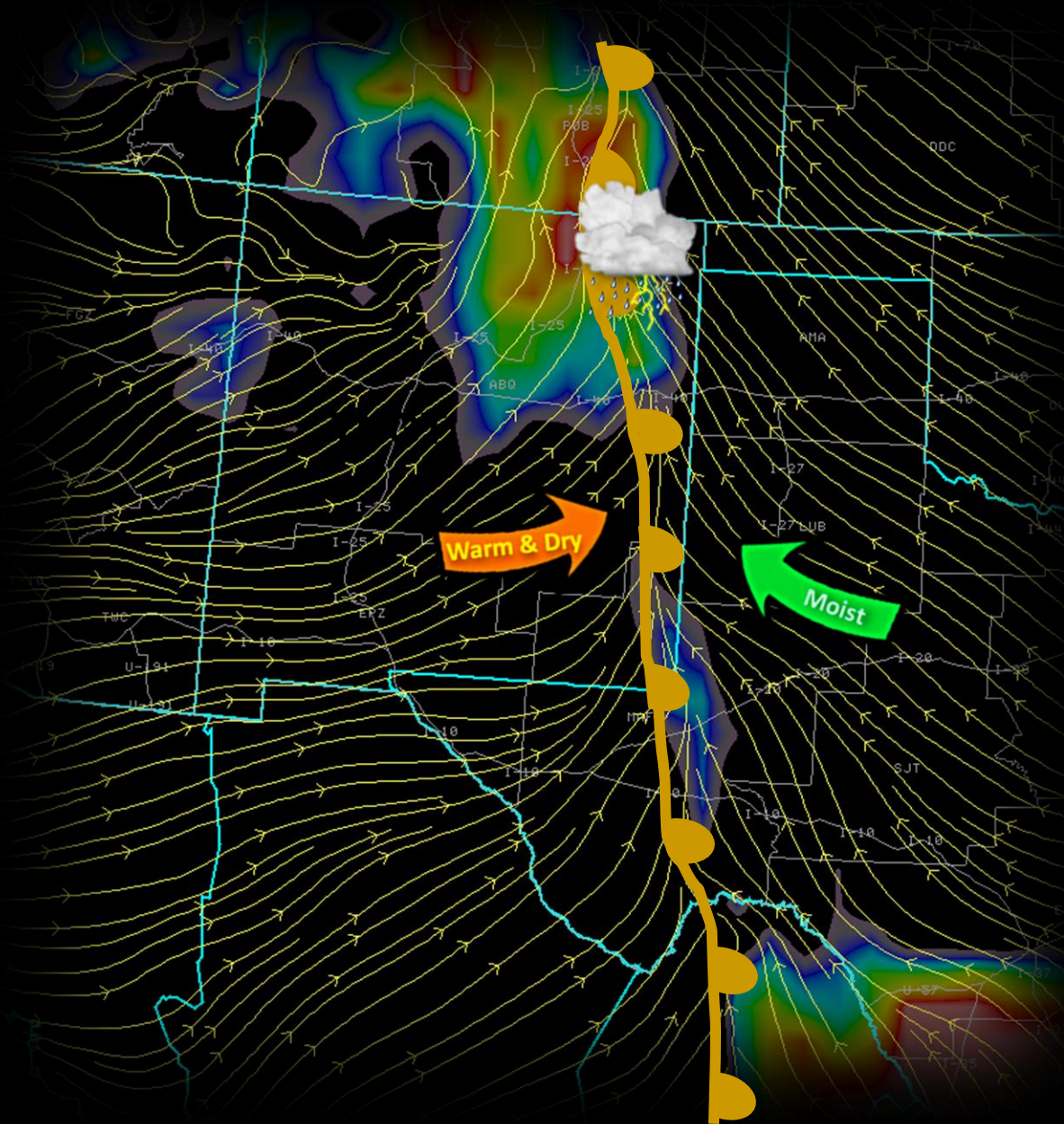
Areas from Moriarty-Clines
Corners-Santa Rosa south to
Capitan-Ruidoso-Dunken.

Reduced visibilities in blowing
Dust will be common for many
areas

THUNDERSTORM POTENTIAL

LOWEST

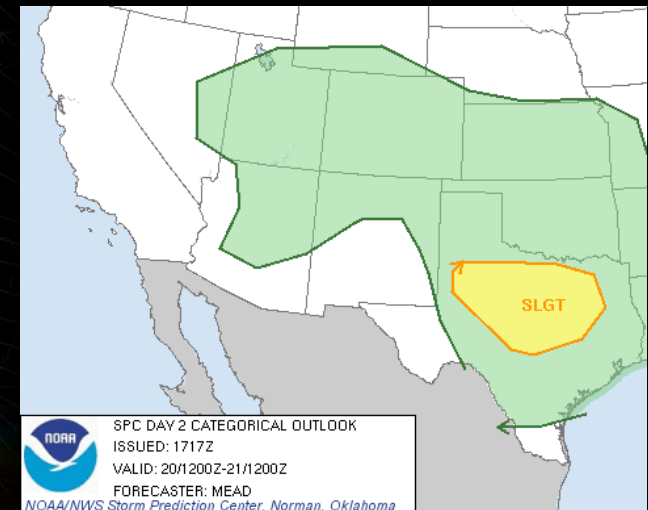
HIGHEST



Dryline sharpens along or just east of the NM/TX line early Wednesday.

Best potential for t-storms near and east of this boundary.

East Slopes of Sangres to Far NE Plains, Far SE.



SNOWFALL POTENTIAL THROUGH WED NIGHT

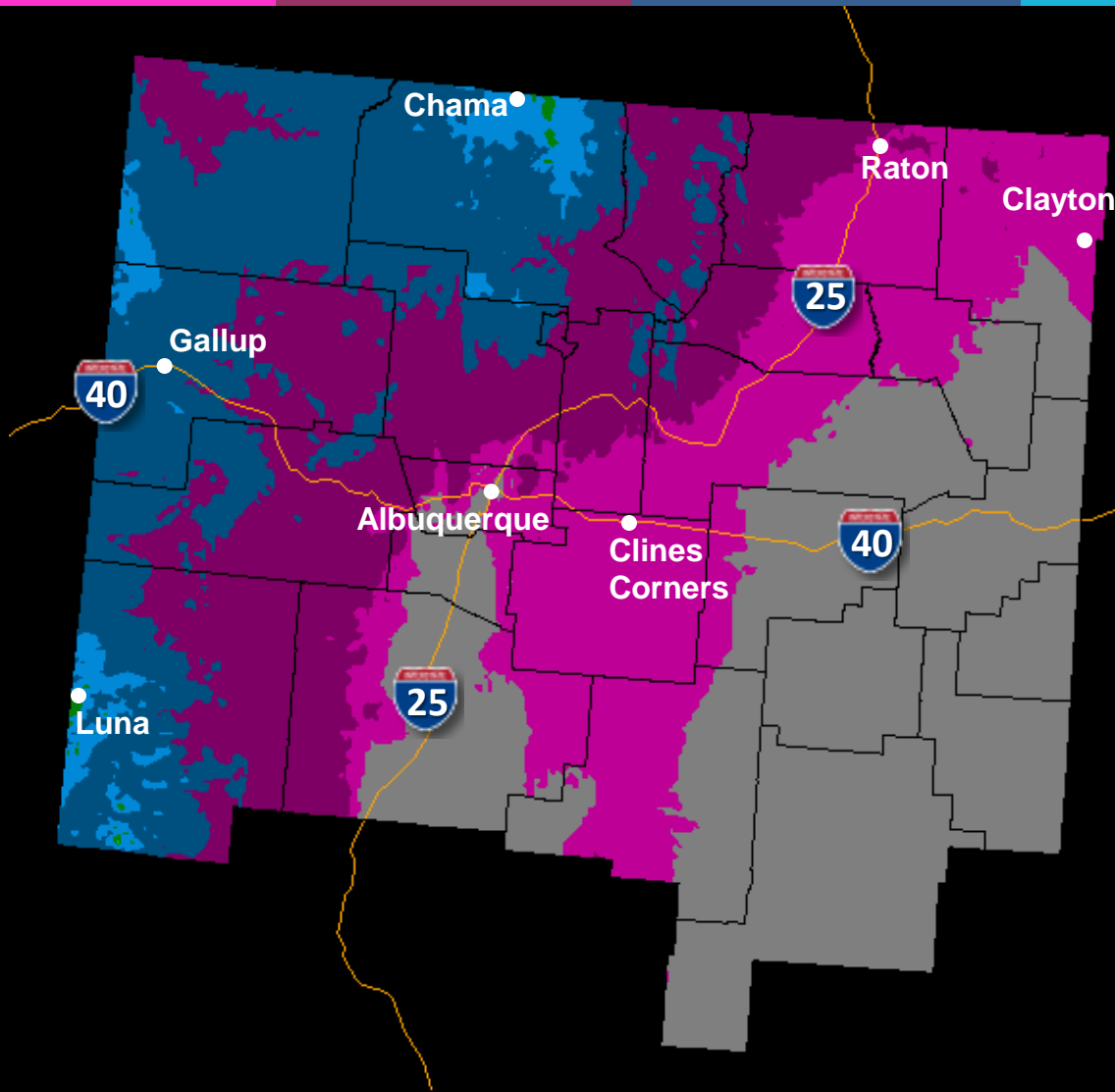
Trace – 1/2"

1 - 2"

3 - 5"

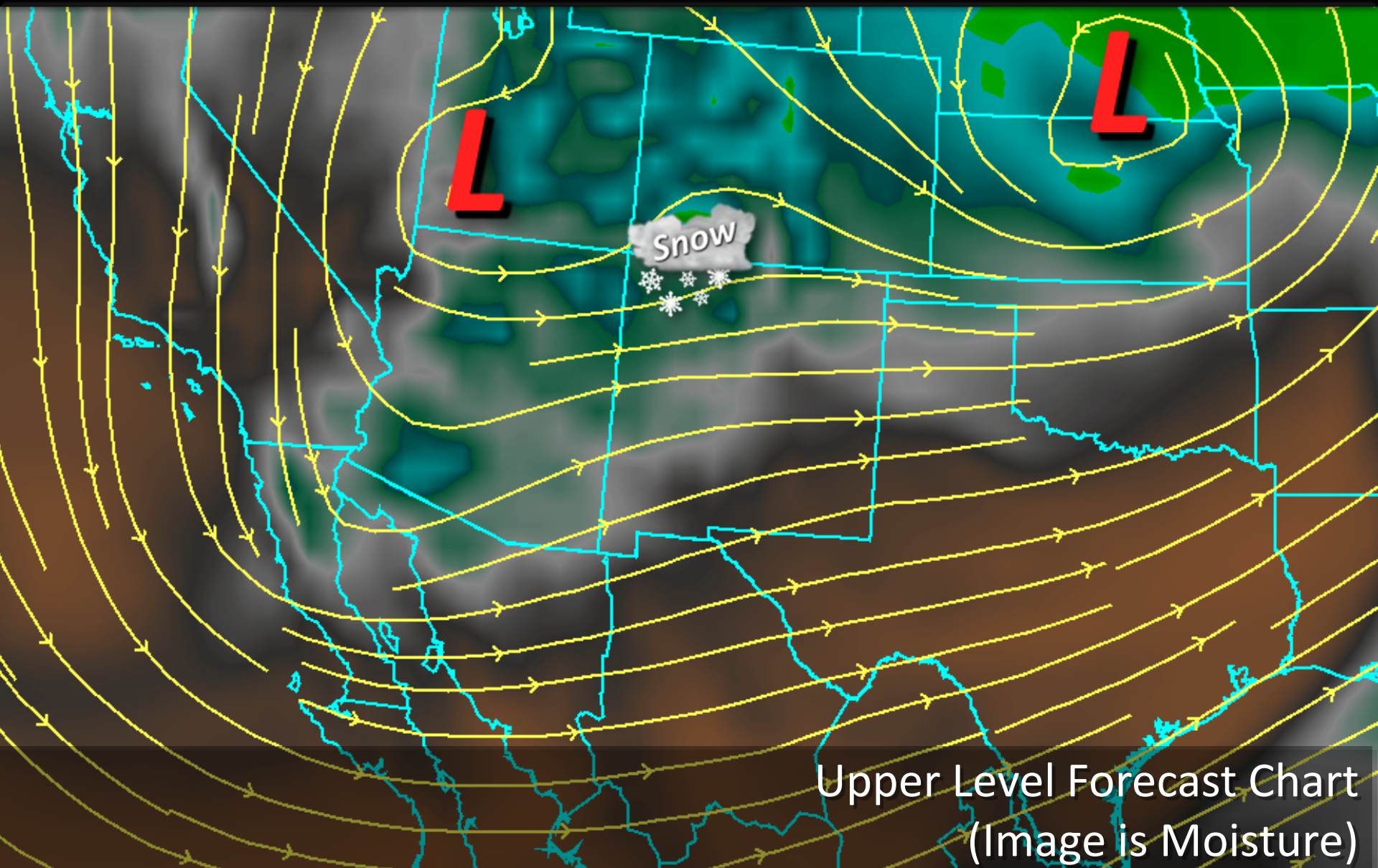
6 - 8"

8+"



- ❑ Focus for heaviest snowfall highest terrain northwest, and Divide westward.
- ❑ Significant impacts to interstate travel possible along I-40 west of Grants.

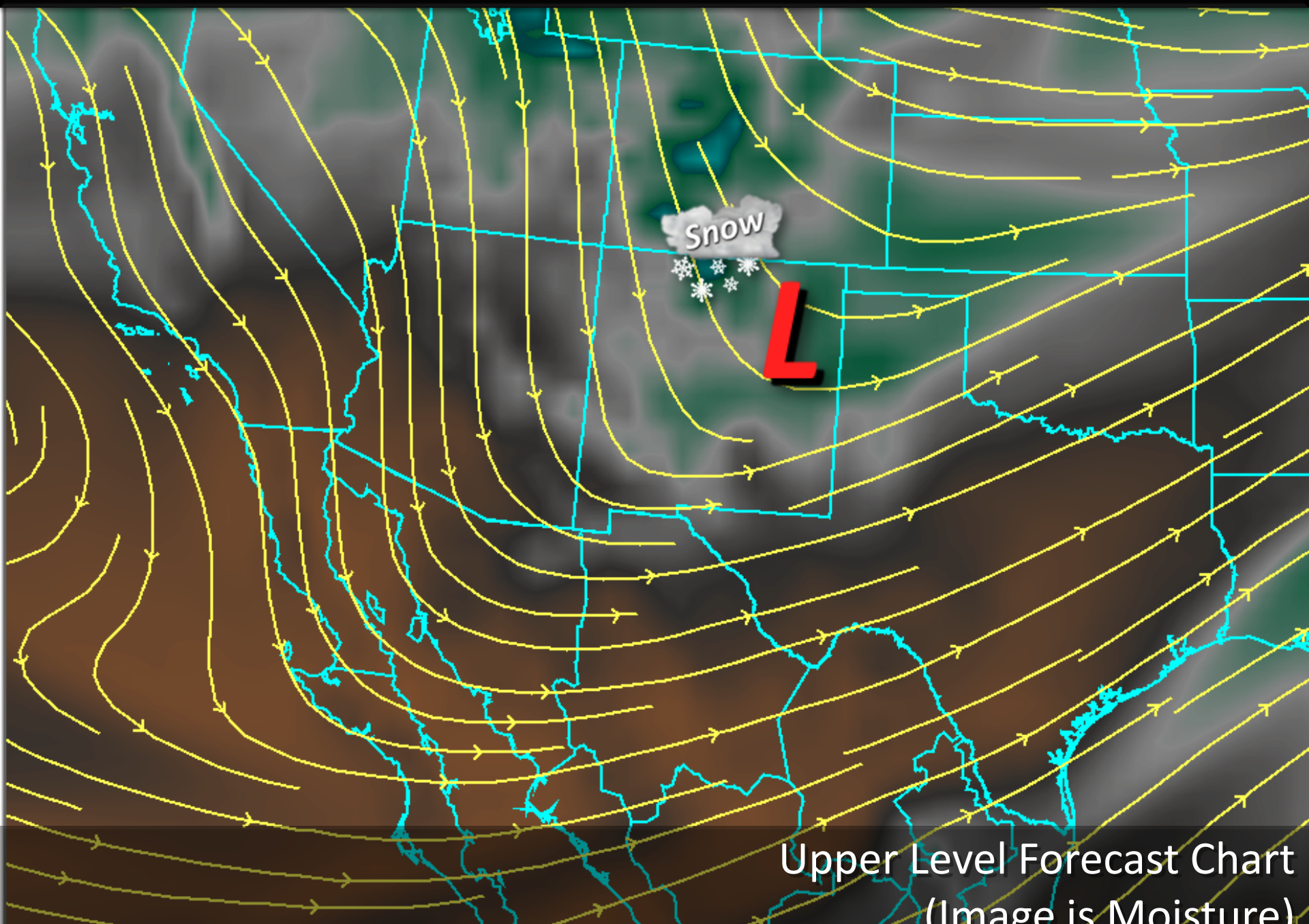
THURSDAY



Upper Level Forecast Chart
(Image is Moisture)

THURSDAY: First system lifts northeast through the central plains states, while next wave of energy drops south into northern AZ. This second system will be colder, and should result in

FRIDAY



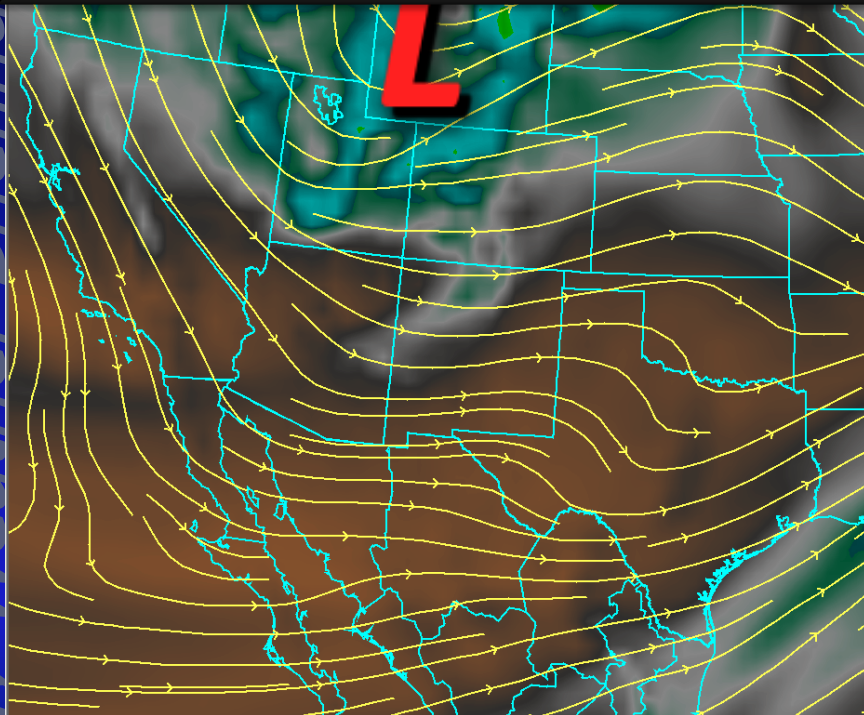
Upper Level Forecast Chart
(Image is Moisture)



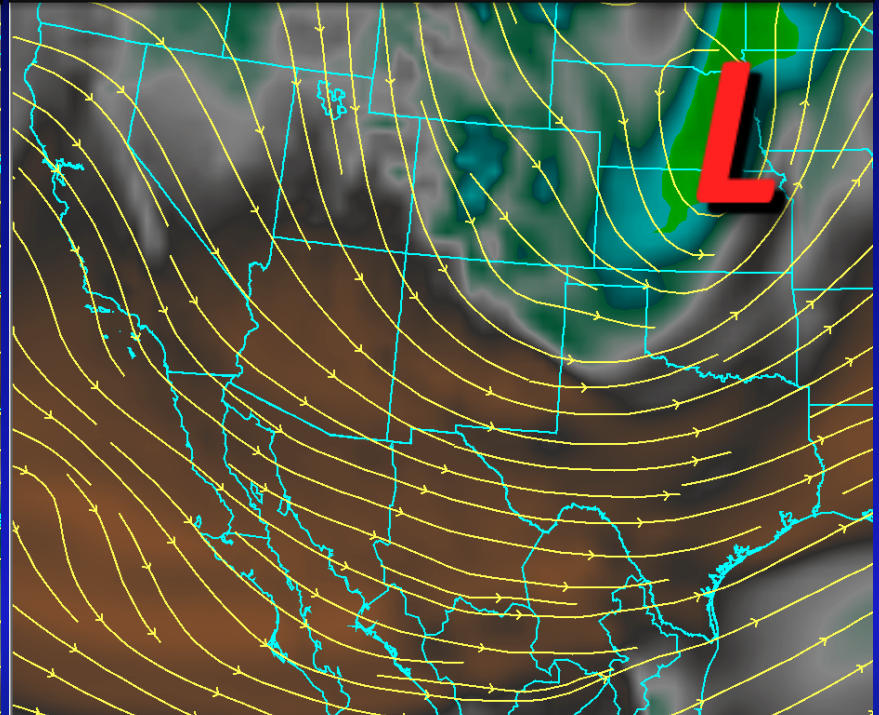
Upper Level Forecast Chart (Image is Moisture)

Weekend Outlook

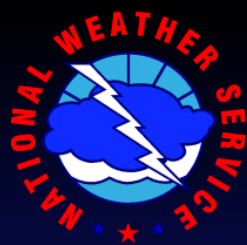
Saturday



Sunday



Saturday and Sunday: Next storm system to pass north of New Mexico this weekend. Continued chance of snow showers NC/NW. Breezy to windy conditions look to prevail both days with cooler air filtering south into the region on Sunday.



Hazards & Impact Summary

WEDNESDAY – WEDNESDAY NIGHT



ACCUMULATING SNOW EXPANDS– across western and northern NM. Significant impacts to travel expected along I-40 along/west of the Divide.



POTENTIALLY DAMAGING WINDS- along/east central mountain chain and especially SC Mountain Region. Considerable blowing dust late morning into the afternoon/early evening.



CRITICAL FIRE WEATHER CONDITIONS- portions of SE and SC New Mexico where strongest winds and lowest humidities forecast.

THURSDAY-FRIDAY



Travel impacts due to snow possible late Thursday into Friday across the northern mountains.



As always...

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